

IN THE CLAIMS (MARKED-UP):

Kindly cancel claim 33 without prejudice or disclaimer.

Kindly amend claims 1, 15, and 40 as follows:

1. (Once amended) A melt-pourable explosive composition comprising:

30 weight percent to 70 weight percent of one or more organic binders selected from the group consisting of mononitro aromatics and dinitro aromatics, said one or more organic binders collectively exhibiting a total energy of detonation lower than trinitrotoluene and collectively having a total melting point in a range of 80°C to 115°C; and

30 weight percent to 70 weight percent of one or more oxidizers,

wherein said melt-pourable explosive composition becomes pourable and is remeltable to a pourable state at a temperature in a range of 80°C to 115°C, and

wherein at least 95 weight percent of said melt-pourable explosive composition comprises a combination of said one or more organic binders and said one or more inorganic oxidizers.

15. (Once amended) A melt-pourable explosive composition

comprising:

30 weight percent to 70 weight percent of one or more organic binders selected from the group consisting of mononitro aromatics and dinitro aromatics, said one or more organic binders collectively exhibiting a total energy detonation lower than trinitrotoluene and collectively having a total melting point in a range of 80°C to 115°C; and

30 weight percent to 70 weight percent of one or more inorganic oxidizers,

wherein said melt-pourable explosive composition becomes pourable and is remeltable to a pourable state at a temperature in a range of 80°C to 115°C, and

wherein at least 95 weight percent of said melt-pourable explosive composition comprises a combination of said one or more organic binders and said one or more inorganic oxidizers.

40. (Once amended) A melt-pourable explosive composition comprising:

30 weight percent to 70 weight percent of one or more organic binders selected from the group consisting of mononitro aromatics and dinitro aromatics, said one or more organic binders collectively exhibiting a total energy detonation lower than trinitrotoluene and collectively having a total melting point in a range of 80°C to 115°C; and

30 weight percent to 70 weight percent of one or more inorganic oxidizers,

wherein the melt-pourable explosive composition becomes melt-pourable and is remelttable to a pourable state at a temperature in a range of 80°C to 115°C, undergoes an onset of thermal decomposition at a temperature that is at least 55.5°C higher than said temperature at which said melt-pourable explosive composition becomes pourable and exhibits a card gap of less than 121, a dent depth in a range of 0.754 cm to 0.922 cm, and a total energy of detonation of 7.1 kJ/cc to 8.7 kJ/cc, and

wherein at least 95 weight percent of said melt-pourable explosive composition comprises a combination of said one or more organic binders and said one or more inorganic oxidizers.

Kindly add new claims 43 and 44 as follows:

43. (New) The melt-pourable explosive composition of claim 1, wherein at least 99 weight percent of said melt-pourable explosive composition comprises a combination of said one or more organic binders and said one or more inorganic oxidizers.

44. (New) The melt-pourable explosive composition of claim 41, wherein at least 99 weight percent of said melt-pourable explosive

composition comprises a combination of said one or more organic binders and said one or more inorganic oxidizers.

BEST AVAILABLE COPY